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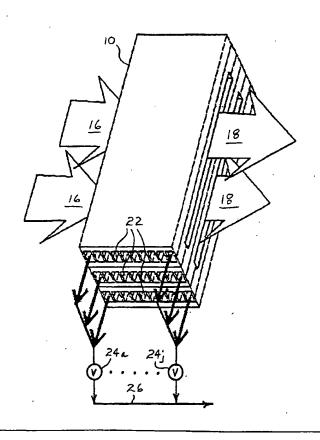
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Refore the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: SEPARATION DEVICES AND PROCESSES

(57) Abstract

Separation device comprising a feed channel including a shear region, permeate passage(s) extending perpendicular to the direction of the feed flow and a porous medium positioned between the shear region of the feed channel and the permeate passage(s). Separation process comprising generating a shear layer in a feed fluid and passing permeate into the permeate passage(s).



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